

DEPARTMENT OF PUBLIC UTILITIES - WATER & WASTEWATER UTILITY								
FY16-20 CAPITAL IMPROVEMENT PROGRAM -- PROPOSED								
								4/22/2015
Project No.	PROJECT TITLE	FY 2014-15	Proposed FY 2015-16	Proposed FY 2016-17	Proposed FY 2017-18	Proposed FY 2018-19	Proposed FY 2019-20	5-Year TOTAL
WU	WATER UTILITY:							
	WATER DISTRIBUTION SYSTEM							
WU04	Rehabilitation/Replacement Rehabilitation/Replacement - Mains - Non-site Specific Locations RR Crossings Loomis Columbia Sleight Rehabilitation/Replacement - Mains - Gartner Plaza Rehabilitation/Replacement - Mains - Warrenville Rd (1200 & 1000 E. Warrenville Rd) Rehabilitation/Replacement - Mains - Zaininger / Cress Creek Rehabilitation/Replacement - Mains - East Ogden from Columbia to Vest Rehabilitation/Replacement - Mains - Oswego from River to Thornapple	\$675,000 \$175,000 \$500,000 	\$500,000 \$50,000 \$0 \$0 \$0 \$0 \$450,000 \$0	\$1,175,000 \$175,000 \$0 \$0 \$0 \$0 \$1,000,000 \$0	\$175,000 \$175,000 \$0 \$0 \$0 \$0 \$0 \$0	\$1,220,000 \$175,000 \$0 \$175,000 \$555,000 \$0 \$0 \$315,000	\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$3,070,000 \$575,000 \$0 \$175,000 \$555,000 \$0 \$0 \$315,000
WU10	Water Main Additions / Extensions Water Main Additions - Misc. Locations Main St from Franklin to Benton NEWW Alternate DWC Feed Rt. 59 North of 103rd Bunting Lane Clyde Drive to Washington Street Route 59 from 103rd to 111th (Gap Pieces) Washington St DuPage River Crossing	\$500,000 \$250,000 \$250,000 	\$250,000 \$250,000 \$0 \$0 \$0 \$0 	\$250,000 \$250,000 \$0 \$0 \$0 \$0 \$0	\$750,000 \$250,000 \$0 \$500,000 \$0 \$300,000 \$365,000 \$350,000 \$0	\$1,265,000 \$250,000 \$0 \$0 \$0 \$300,000 \$300,000 \$0 \$800,000	\$1,100,000 \$0 \$0 \$0 \$0 \$0 \$300,000 \$0	\$4,115,000 \$1,000,000 \$0 \$500,000 \$300,000 \$665,000
WU05	Water Utility Infrastructure Relocation - Miscellaneous Locations Water Utility Infrastructure Relocation - Misc. Locations - Mains, Services, Valves, Hydrants Water Main Relocation - North Aurora Road West of Rt. 59 Water Main Relocation - Rt. 59 & I-88 to Aurora Avenue Water Main Relocation - 95th Street to Naperville-Plainfield Road	\$175,000 \$125,000 \$50,000	\$125,000 \$125,000 \$0 \$0	\$125,000 \$125,000 \$0 \$0	\$124,999 \$125,000 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$500,000 \$0 \$0 \$0
WU08	Water Main Oversizing Payments - New Developments	\$55,000	\$100,000	\$25,000	\$25,000	\$25,001	\$25,000	\$200,001
	SUBTOTAL:	\$1,405,000	\$975,000	\$1,575,000	\$1,074,999	\$2,635,001	\$1,125,000	\$7,885,001
	WATER METERING							
WU20	Replacement	\$225,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$3,750,000
WU19	Additions - New	\$75,000	\$125,000	\$125,000	\$124,999	\$125,000	\$125,000	\$624,999
WU22	Automatic Meter Reading Project (AMR/AMI)	\$0	\$0	\$0	\$350,000	\$1,800,000	\$1,250,000	\$3,400,000
	SUBTOTAL:	\$300,000	\$875,000	\$875,000	\$1,224,999	\$2,675,000	\$2,125,000	\$7,774,999
	WATER SUPPLY SYSTEM							
WU29	Emergency Standby Well Rehabilitation	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$275,000	\$1,375,000
WU32	Southeast Waterworks Pumps & Controls Replacement	\$0	\$0	\$2,000	\$2,000	\$5,000	\$250,000	\$259,000
WU07	North Waterworks - Mill Street PAS 15E - Booster Station Addition	\$0	\$0	\$125,000	\$1,000,000	\$0	\$0	\$1,125,000
WU33	SCADA Improvements & Upgrades - Various Waterworks Facilities	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WU35	Water Supply Engine Generator - West Southwest Waterworks	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WU36	Pressure Adjusting Station 15D - Roof Repair / Replacement	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	SUBTOTAL:	\$275,000	\$275,000	\$402,000	\$1,277,000	\$280,000	\$525,000	\$2,759,000
	WATER UTILITY SUBTOTAL:	\$1,980,000	\$2,125,000	\$2,852,000	\$3,576,998	\$5,590,001	\$3,775,000	\$18,419,000
WWU	WASTEWATER UTILITY:							
	SANITARY SEWER SYSTEM							
WWU06	Rehabilitate/Replace. - Interceptors/Trunk/Mainline Sewers/Services	\$2,200,000	\$2,600,000	\$4,800,000	\$4,946,955	\$2,445,363	\$2,443,725	\$17,236,043
WWU10	Sanitary Sewer Capacity Improvements Misc Porter (Prev. FY13 Funding) Franklin	\$100,000 \$100,000 \$600,000 \$200,000	\$900,000 \$100,000 \$600,000 \$0	\$100,000 \$100,000 \$0 \$0	\$100,000 \$100,000 \$0 \$0	\$100,000 \$100,000 \$0 \$0	\$100,000 \$100,000 \$0 \$0	\$1,300,000 \$500,000 \$600,000 \$200,000
WWU09	Sanitary Sewer Oversizing Payments - New Developments	\$163,000	\$50,000	\$25,000	\$25,000	\$25,000	\$25,000	\$150,000
WWU05	Wastewater Utility Infrastructure Relocation - Miscellaneous Locations Wastewater Utility Infrastructure Relocation - North Aurora Road - West of Rt. 59 Wastewater Utility Infrastructure Relocation - Rt. 59 & I-88 to Aurora Avenue - 95th Street to Gateshead & DuPage River Wastewater Utility Infrastructure Relocation - Misc. Mains & Services	\$75,000 \$25,000 \$50,000	\$75,000 \$25,000 \$0 \$50,000	\$50,000 \$0 \$0 \$0	\$25,000 \$0 \$0 \$0	\$25,000 \$0 \$0 \$0	\$25,000 \$0 \$0 \$250,000	\$275,000 \$0 \$25,000 \$0
	SUBTOTAL:	\$2,538,000	\$3,625,000	\$4,975,000	\$5,121,955	\$2,620,363	\$2,618,725	\$18,961,043
	WASTEWATER PUMPING/LIFT STATIONS							
WWU34	Lift Station Rehabilitation Program -	\$450,000	\$710,000	\$460,000	\$660,000	\$460,000	\$385,001	\$2,675,001
	Pump Station Improvements/Upgrades	\$300,000	\$610,000	\$360,000	\$635,000	\$435,000	\$360,000	\$2,400,000
	Pump Stations Improvements/Upgrades - SCADA	\$150,000	\$100,000	\$100,000	\$25,000	\$25,000	\$25,000	\$275,000
	SPRINGBROOK WATER RECLAMATION CENTER							
WWU35	Phosphorus Removal - Preliminary Engineering (IEPA Requirement)	\$0	\$0	\$150,000	\$150,000	\$365,000	\$2,200,001	\$2,865,001
WWU36	North Plant Grit Removal & RAS Upgrades & Improvements	\$3,100,000	\$0	\$0	\$0	\$0	\$0	\$0
WWU38	Roadway Improvements (completed in FY13-14))	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WWU39	Influent Headworks Upgrades & Improvements	\$0	\$200,000	\$2,250,000	\$0	\$0	\$0	\$2,450,000
WWU40	Wastewater Engine Generator	\$0	\$0	\$0	\$374,920	\$0	\$0	\$374,920
WWU42	BioSolids Holding Tank	\$0	\$1,200,000	\$206,000	\$0	\$0	\$0	\$1,406,000
WWU41	Facility Replacements (Non-Treatment)	\$75,000	\$399,640	\$425,421	\$53,045	\$54,636	\$56,275	\$989,017
	SUBTOTAL:	\$3,175,000	\$1,799,640	\$3,031,421	\$577,965	\$419,636	\$2,256,276	\$8,084,938
	WASTEWATER UTILITY SUBTOTAL:	\$6,163,000	\$6,134,640	\$8,466,421	\$6,359,920	\$3,499,999	\$5,260,002	\$29,720,982
W & WWU	WATER AND WASTEWATER UTILITY:							
	TOTAL:	\$8,143,000	\$8,259,640	\$11,318,421	\$9,936,918	\$9,090,000	\$9,035,002	\$48,139,982
		FY 2014-15	Proposed FY 2015-16	Proposed FY 2016-17	Proposed FY 2017-18	Proposed FY 2018-19	Proposed FY 2019-20	5-Year TOTAL

Variance from \$8,500,000 Annual Cap. (\$357,000) (\$240,360) \$2,818,421 \$1,436,918 \$590,000 \$535,002

FY2015 - 2023 CIP Sanitary Sewer Rehab Plan				FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23
Lateral Locates	\$80.00	Each	Basin/Area	C-17 (Pembroke Greens)	C-17, S-11 (Pembroke Greens, Maplebrook)	S-11 (Maplebrook)	S-11, C-2 (Maplebrook, Laid's Woods)	C-2 (Laid's Woods)	N17-N14(Cress Creek)	N14-N13(Cress Creek)	N08(Cress Creek)	N08(Cress Creek)
			Quantity	150	150	150	150	150	150	150	150	150
			Cost	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000				
Vac-A-Tee Install	\$860.00	Each	Basin/Area	C-16, C-15, C-17 (Kings Terrace, Pembroke Greens)	C-17 (Pembroke Greens)	C-17 (Pembroke Greens)	C-17, S-11 (Pembroke Greens, Maplebrook)	C-2 (Laid's Woods)	C-2 (Laid's Woods)	N17-N14(Cress Creek)	N17-N14(Cress Creek)	N08(Cress Creek)
			Quantity	150	150	150	150	150	150	150	150	150
			Cost	\$129,000	\$129,000	\$129,000	\$129,000	\$129,000				
Lateral Liner Installs	\$6,411.00	Each	Basin/Area	C-3, C-18 (Century Hill, Hunting Commons)	C-18, C-16, C-15 (Hunting Commons, Kings Terrace)	C-16, C-15, C-17 (Kings Terrace, Pembroke Greens)	C-17 (Pembroke Greens)	S-11 (Maplebrook)	S-11 (Maplebrook)	C-2 (Laid's Woods)	N17-N14(Cress Creek)	N17-N14(Cress Creek)
			Quantity	150	150	150	150	150	150	150	150	150
			Cost	\$961,650.00	\$961,650.00	\$961,650.00	\$961,650.00	\$961,650.00				
Lateral Liner Construction Supervision	\$200.00	Each	Basin/Area	C-3, C-18 (Century Hill, Hunting Commons)	C-18, C-16, C-15 (Hunting Commons, Kings Terrace)	C-16, C-15, C-17 (Kings Terrace, Pembroke Greens)	C-17 (Pembroke Greens)	S-11 (Maplebrook)	S-11 (Maplebrook)	C-2 (Laid's Woods)	N17-N14(Cress Creek)	N17-N14(Cress Creek)
			Quantity	150	150	150	150	150	150	150	150	150
			Cost	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000				
City Main CIPP Lining Contract Cost	\$35.00	Per Linear Foot	Basin/Area	C-1 (Brush Hill)	C-1, C-4 (Brush Hill, Will-O-Way)	C-4, C-8 (Will-O-Way)	C-8, C-9(Will-O-Way)	C-9, C-54 (Will-O-Way, River Bend Heights)	N-15 (BrookDale)	N-15 (BrookDale)	N-15, N16 (BrookDale)	N-15, N16 (BrookDale)
			Quantity	13,075	13,075	13,075	13,075	13,075	13,075	13,075	13,075	13,075
			Cost	\$457,625	\$457,625	\$457,625	\$457,625	\$457,625	\$457,625	\$457,625	\$457,625	\$457,625
City Main CIPP Lining Planning & Construction Supervision	\$0.75	Per Linear Foot	Basin/Area	C-1 (Brush Hill)	C-1, C-4 (Brush Hill, Will-O-Way)	C-4, C-8 (Will-O-Way)	C-8, C-9(Will-O-Way)	C-9, C-54 (Will-O-Way, River Bend Heights)	N-15 (BrookDale)	N-15 (BrookDale)	N-15, N16 (BrookDale)	N-15, N16 (BrookDale)
			Quantity	13,075	13,075	13,075	13,075	13,075	13,075	13,075	13,075	13,075
			Cost	\$9,806	\$9,806	\$9,806	\$9,806	\$9,806	\$9,806	\$9,806	\$9,806	\$9,806
Interceptor Lining Contract Cost	\$300.00	Per Linear Foot	Basin/Area		Springbrook Prairie	T-04 Raymond	T-04 Raymond	T-04 Raymond	T-04 Raymond	T-04 Raymond	T-10 McDowell Trunk Sewer	T-10 McDowell Trunk Sewer
			Quantity	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
			Cost	\$600,000	\$3,900,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000	\$600,000
Interceptor Lining Planning & Construction	\$0.75	Per Linear Foot	Quantity	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
			Cost	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Manhole Rehab	\$300	Per Vert. Foot	Quantity		33	33	33	33	33	33	33	33
			Cost		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
			Basin/Area		C-10-C11 (Down Town)	C-05 (Down Town)	C-05 (Down Town)	C-05 (Down Town)	C-05 (Down Town)	C-6 (Old Naperville)	C-6 (Old Naperville)	C-6 (Old Naperville)
Manhole Rehab Construction Supervision	\$52.50	Each	Quantity		33	33	33	33	33	33	33	33
			Cost		\$1,733	\$1,733	\$1,733	\$1,733	\$1,733	\$1,733	\$1,733	\$1,733
			Basin/Area		C-10-C11 (Down Town)	C-05 (Down Town)	C-05 (Down Town)	C-05 (Down Town)	C-05 (Down Town)	C-6 (Old Naperville)	C-6 (Old Naperville)	C-6 (Old Naperville)